

AMENDMENTS TO THE CLAIMS

5/11/01

1 (currently amended). A sealed resin case, case for housing equipment, said case comprising an injection molded resin body having an interior and an exterior, and wherein having a through hole is provided in said resin case leading from said interior to said exterior, wherein said through hole is covered with a water/oil repellent water-repellent film which is permeable to air, but impermeable to liquids, and said water/oil repellent water-repellent film is bonded to said resin case body by heat and/or pressure applied by the molten resin of which said resin body is formed when said molten resin is injection-molded resin case is injection-molded by using molten resin.

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8 (currently amended). A sealed resin case according to claim 1, wherein said resin case comprises a box and a lid covering an opening of said box, and said through hole is provided in said box or said lid.

9 (currently amended). A sealed resin case according to claim 1, wherein said water/oil repellent water-repellent film is a porous film and is bonded to said resin case body by said molten resin entering pores of said porous film due to pressure applied to the molten resin during injection molding thereof.

10 (currently amended). A sealed resin case according to claim 8, wherein said water/oil repellent water-repellent film is a porous film and is bonded to said resin case body by said molten resin entering pores of said porous film due to pressure from the molten resin.

11(currently amended). A sealed resin case according to claim 1, wherein said water/oil repellent water-repellent film is made by laminating a backing is a laminate comprising a thermoplastic backing material and said a porous film, and said backing material of the laminate is melted to be bonded to said resin case body by melting of the backing material by heat applied by said molten resin.

12(currently amended). A sealed resin case according to claim 8, wherein said water/oil repellent water-repellent film is made by laminating a backing comprising a thermoplastic material and said porous film, and said backing is melted to be bonded to said resin case body by heat of said molten resin.

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13(currently amended). A sealed resin case according to claim 1, wherein a joint of a said through hole has a periphery, of said through hole and said water/oil repellent film form a U-shaped cross section and wherein the portion of the resin body surrounding said periphery of the through hole comprises a boss surrounded by an annular groove, and wherein said boss has a radial tip surface, and said water-repellent film overlies, and is bonded to, said tip surface.

14(currently amended). A sealed resin case according to claim 8, wherein a joint of a said through hole has a periphery, of said through hole and said water/oil repellent film form a U-shaped cross section and wherein the portion of the resin body surrounding said periphery of the through hole comprises a boss surrounded by an annular groove, and wherein said boss has a radial tip surface, and said water-repellent film overlies, and is bonded to, said tip surface.

15(currently amended). A sealed resin case according to claim 9, wherein a joint of a said through hole has a periphery, of said through hole and said water/oil repellent film form a U-shaped cross section and wherein the portion of the resin body surrounding said periphery of the through hole comprises a boss surrounded by an annular groove, and wherein said boss has a radial tip surface, and said water-repellent film overlies, and is bonded to, said tip surface.

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16(currently amended). A sealed resin case according to claim 10, wherein a joint of a said through hole has a periphery, of said through hole and said water/oil repellent film form a U-shaped cross section and wherein the portion of the resin body surrounding said periphery of the through hole comprises a boss surrounded by an annular groove, and wherein said boss has a radial tip surface, and said water-repellent film overlies, and is bonded to, said tip surface.

17(currently amended). A sealed resin case according to claim 11, wherein a joint of a said through hole has a periphery, of said through hole and said water/oil repellent film form a U-shaped cross section and wherein the portion of the resin body surrounding said periphery of the through hole comprises a boss surrounded by an annular groove, and wherein said boss has a radial tip surface, and said water-repellent film overlies, and is bonded to, said tip surface.

18(currently amended). A sealed resin case according to claim 12, wherein a joint of a said through hole has a periphery, of said through hole and said water/oil repellent film form a U-shaped cross section and wherein the portion of the resin body surrounding said periphery of the through hole comprises a boss surrounded by an annular groove, and wherein

said boss has a radial tip surface, and said water-repellent film overlies, and is bonded to, said tip surface.

19(cancelled).

20(cancelled).

21(new) A sealed case according to claim 1, wherein said film is also oil-repellent.

22(new) A sealed case according to claim 8, wherein said film is also oil-repellent.

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23(new) A sealed case according to claim 9, wherein said film is also oil-repellent.

24(new) A sealed case according to claim 10, wherein said film is also oil-repellent.

25(new) A sealed case according to claim 11, wherein said film is also oil-repellent.

26(new) A sealed case according to claim 12, wherein said film is also oil-repellent.

27(new) A sealed case according to claim 13, wherein said film is also oil-repellent.

28(new) A sealed case according to claim 14, wherein said film is also oil-repellent.